

ESE**ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.**

October 4, 1985

Dr. Jerry M. Fitzgerald
 The Mitre Corporation
 Mail Stop W 742
 1820 Dolly Madison Blvd.
 McLean, VA. 22102

Subject: Quality Assurance/Quality Control Plan for Puerto Rico
 Confirmation Study (Contract N62470-85-B-7972) and Evaluation
 and Cleanup of Potential Lead Exposure, Defense Property
 Disposal Office, Charleston, SC (Contract N62467-85-C-0268)

Dear Dr. Fitzgerald:

Enclosed is a copy of the ESE Quality Assurance/Quality Control (QA/QC) Manual which will serve as the QA/QC plan for the subject contracts. Also enclosed is a summary table for the Puerto Rico Confirmation Study which shows the number and type of samples to be collected and the analytical parameters. As I mentioned during our recent telephone conversation, we plan to begin the field sampling program in Puerto Rico in the latter half of November 1985. If this schedule does not allow you enough time to complete your review of our QA/QC Program, please let me know.

With regard to the Evaluation and Cleanup of Potential Lead Exposure project, the only analytical parameter is lead, which will be analyzed for in samples of soil, air (filters), dust (wipes), and blood (if applicable). The blood analyses will be performed by ESE's subcontractor, Smith-Cline Laboratory, if determined to be appropriate by NAVFACENGCOM Southdiv. The field sampling program is currently scheduled to begin during the week of November 4, 1985.

Please do not hesitate to call me with questions or comments concerning the schedule for the Puerto Rico Confirmation Study, Chuck Hendry concerning the schedule for the Potential Lead Exposure project, and Tom Park concerning the enclosed QA/QC Manual and Proficiency Testing for both projects.

Sincerely,

R. V. Bowen *(Signature)*
 Russell V. Bowen, P.E.
 Project Manager

RVB/njb

enclosure

cc: Ms. Cherryl Barnett, NAVFACENGCOM Lantdiv
 Ms. Gale Evans, NAVFACENGCOM Southdiv
 Chuck Hendry, ESE
 Tom Park, ESE
 Bill Coulombe, ESE

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**SUMMARY TABLE OF STEP 1A VERIFICATION
PUERTO RICO CONFIRMATION STUDY**

NAVSTA ROOSEVELT ROADS

SITE NO.	WELLS TO BE INSTALLED	GROUND WATER SAMPLES	SURFACE WATER SAMPLES	SEDIMENT SAMPLES	SOIL SAMPLES	ANALYTICAL PARAMETERS
1	3	3	0	3	6	pH, oil and grease, VOA, xylene, MEK, MIBK, EDB, Cr (total and hexavalent), Pb
2	0	0	5	5	8	pH, Cr (total and hexavalent), Pb, VOA, xylene, MEK, MIBK
3	0	1	0	0	0	pH, Priority Pollutant scan
5	5	5	5	5	0	pH, Priority Pollutant scan, Cr hexavalent, xylene, MEK, MIBK, EDB
6	0	0	3	3	15	pH, Priority Pollutant scan, Cr hexavalent, xylene, MEK, MIBK, EDB
7	8	8	0	0	0	pH, Priority Pollutant scan, Cr hexavalent
	0	0	0	2	0	Oil and grease, VOA, xylene, MEK, MIBK, EDB
8	0	0	3	3	1	Oil and grease, Pb, VOA, xylene, MEK, MIBK, EDB
9	0	0	4	30	0	PCBs
10	8	8	0	0	0	Same parameters as for Site 6

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NAVSTA ROOSEVELT ROADS

SITE NO.	WELLS TO BE INSTALLED	GROUND WATER SAMPLES	SURFACE WATER SAMPLES	SEDIMENT SAMPLES	SOIL SAMPLES	ANALYTICAL PARAMETERS
11	0	0	0	0	0	-
12	6	6	1	1	20*	pH, VOA, EDB, xylene, oil and grease, Pb
13	11	11	6	6	0	pH, VOA, Pb, oil and grease, EDB, xylene, MEK, MIBK
14	0	0	12	12	0	pH, VOA, Pb, EDB, xylene, MEK, MIBK, oil and grease
15	0	0	0	0	16	PCBs
16	0	0	0	0	9	PCBs, oil and grease, VOA, Pb, EDB, xylene, MEK, MIBK
18	0	0	2	2	15	Pesticides

*No analyses. Only visual inspection for oil.

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NSGA SABANA SECA

SITE NO.	WELLS TO BE INSTALLED	GROUND WATER SAMPLES	SURFACE WATER SAMPLES	SEDIMENT SAMPLES	SOIL SAMPLES	ANALYTICAL PARAMETERS
6	0	0	0	5	34	Pesticides
7	4	6	1	1	0	pH, Priority Pollutants